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PART III—SECTION 2

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 30th May 1964

CORRIGENDUM

In the Gazette of India, Part III, Section 2 dated the 11th January, 1964.

In page 18 column 1 under the heading "Cessation of Patents".

Delete entry No. 58437.

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

11th May 1964

93681. Council of Scientific and Industrial Research. Production of black coatings on copper by anodisation.
93682. A. Mody. Automatic railway track gauge detector.
93683. Unilever Limited. Process for improving fats. (14th May 1963).
93684. Cross and Jackson Limited. Improvements in or relating to hovercraft. (17th May 1963).
93685. Koppers Company, Inc. Improvements in or relating to expandable polymers.
93686. E. I. du Pont de Nemours and Company. Process.
93687. E. I. du Pont de Nemours and Company. Products and compositions.
93688. American Cyanamid Company. O, O, O', O'-tetramethyl O, O'-thiodi-p-phenylene phosphorothioate and its use as a pesticide.
93689. Clevite Corporation. A sliding surface bearing and method of making same.
93690. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of plastic articles dyed in the mass.
93691. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Aqueous solutions of phthalocyanine pigments and process for preparing them.
93692. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Optical brighteners.
93693. Naradi, Narodni Podnik, Praha. A diamond form tool.

93694. Libbey-Owens-Ford Glass Company. Method of producing pattern-cut bent glass sheets.
93695. Siemens-Schuckertwerke Aktiengesellschaft. An installation comprising a number of rectifier units connected in series.
93696. E. Merck Aktiengesellschaft. Process for the manufacture of 3-methylene-1-dehydro steroids.
93697. R. L. Ranke. Briquette addition for steel.
93698. C. J. P. Lebre. Hand-operated lifting truck.
93699. Elmwood Liquid Products, Inc. Improvements in or relating to liquid nitrogen freezing system and method of freezing food. (20th January 1964).
93700. Krebs & Co. Electrode for electrolytic processes.
93701. Nauchno-Issledovatelsky Institute Zhelezobetonnykh Izdely, Stroitelnykh i Nerudnykh Materialov. Method of manufacturing a three-component water-resisting binding agent.
93702. Imperial Chemical Industries Limited. Dispersions of synthetic polymers. (16th May 1963).
93703. Imperial Chemical Industries Limited. Improvements in or relating to steam reforming catalysts. (23rd May 1963).
93704. Elektrokemisk A/S. Improvements in or relating to processes of producing pig iron.
93705. AMP Incorporated. Improvements in or relating to electrical connections. [Addition to No. 86122].
93706. AMP Incorporated. Improvements in or relating to electrical connections through partitions. (20th May 1963).
93707. Albiswerk Zurich A. G. Optical scanning means. (18th November 1963).
93708. W. R. Grace & Co. Catalyst composition.
93709. W. R. Grace & Co. Polymerization process.
93710. The British Iron and Steel Research Association. Formation of metal coatings on wire. (13th May 1963).
93711. Canadian Industries Limited. Compositions comprising polythene. (18th May 1963).
93712. C. A. V. Limited. Liquid fuel injection pumps for internal combustion engines. (24th May 1963).
93713. The International Nickel Company (Mond.) Limited. Nickel-silicon alloys. (21st May 1963).

93714. Heinrich Koppers Gesellschaft Mit Beschränkter Haftung. Discharge of fluent solids from pressure chambers.
93715. AB Akerlund & Rausing. A process and a device for manufacturing packages.
93716. Verwaltungsgesellschaft Der Werkzeugmaschinenfabrik Oerlikon. Method of detecting warp thread breakages in weaving machines, and warp thread breakage detecting device for carrying out the said method.
93717. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Benzo[a] quinolizine derivatives and process for the manufacture thereof.
93718. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Benzo[a] quinolizine derivatives and process for the manufacture thereof.
93719. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Retroandrosterone derivatives and process for the manufacture thereof.
93720. Ciba Limited. Process for reducing reducible dyestuffs using sulfinic acid derivatives as reducing agents.
93721. Santoku Kinzoku Kogyo Kabushiki Kaisha. Extrusion of the flint alloy.
93722. Etablissements Merlin & Gerin, Société Anonyme. Improvements in or relating to load isolating switch.
93723. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. New blue anthraquinone dyes.
93724. Council of Scientific and Industrial Research. Substituted 2, 3-dihydro-4H-1, 4-benzoxazines.
93725. Council of Scientific and Industrial Research. Improvements in or relating to hard ferrites.
93726. Council of Scientific and Industrial Research. Improvements in or relating to the manufacture of lime-surkhi mixtures from surkhi manufactured in down-draught kiln.
93727. M. Lal. Fly back knob in a stop clock.
93728. Bhawani Das Chaudhary. A cross chain slipping jig for sugar cane open type railway trucks.
12th May 1964
93729. Heinrich Koppers Gesellschaft Mit Beschränkter Haftung. Method of desulphurizing vapours and gases which contain organic sulphur compounds. (5th July 1963).
93730. K. Diebner. Method of controlling nuclear reactors.
93731. Mitsui Kagaku Kogyo Kabushiki Kaisha. Herbicidal composition and method.
93732. Sandoz Ltd. Improvements in or relating to organic compounds. (13th May 1963).
93733. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing semi-conductor devices such as transistors and diodes, and semi-conductor devices manufactured by such methods.
93734. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing semi-conductor devices and semi-conductor devices manufactured by such methods.
93735. Kurashiki Rayon Company Limited. Method of manufacturing viscose rayon yarn.
93736. VEB Fotochemische Werke Berlin. Improvements in photographic silver halide emulsions.
93737. Otis Elevator Company. Closure operating mechanism.
93738. Atlas Chemical Industries, Inc. Improvements in or relating to blasting agents.
93739. Shell Internationale Research Maatschappij N. V. A process for the preparation of hydrogen or hydrogen-containing gas mixtures.
93740. Shell Internationale Research Maatschappij N. V. Process for the conversion of a high boiling mineral oil or mineral oil fraction into a lower boiling hydrocarbon mixture.
93741. S. Smith & Sons (England) Limited. Improvements in or relating to aircraft instruments. (16th May 1963).
93742. Dunlop Rubber Company Limited. Improvements relating to surface coatings. (25th May 1963).
93743. The Bendix Corporation. Frequency control system. (13th January 1964).
93744. W. R. Grace Co. Olefin polymerization process and catalyst system used therein.
93745. W. R. Grace & Co. Polymerization process.
13th May 1964
93746. Akay Industries. Diaphragms for valves.
93747. Ball Brothers Company Incorporated. Glassware handling apparatus.
93748. Institut Poluprovodnikov. Thermopile.
93749. Management Studies, Inc. Graphical chart display.
93750. Chandan Metal Products Private Limited. Improvements in or relating to stacking containers or boxes.
93751. M. B. Pasrama. Improved rotary engine.
93752. M. B. Pasrama. Improved propulsion engine.
93753. Maple Leap Trust, reg. Compositions for the preservation of foodstuffs, for the sterilization and hygiene of air in confined spaces and for cosmetic and pharmaceutical purposes.
93754. Ciba Limited. Manufacture of new diazacycloalkane compounds.
93755. Ciba Limited. New steroids of the oestrane series and process for their manufacture.
93756. Ciba Limited. Manufacture of new diazacycloalkane compounds.
93757. The Nylok Corporation. Self-locking threaded fastening devices and methods and apparatus for making such devices.
93758. Merz and McLellan Services Limited. Improvements relating to electric switchgear. (15th May 1963).
93759. Albiswerk Zurich A. G. Improvements in or relating to optical scanning means. (7th February 1964).
93760. Clayton Dewandre Company Limited. Improvements in or relating to slack adjusters for vehicle brakes. (13th May 1963).
93761. Rubber and Plastics Research Association. Improvements in or relating to the cutting of blanks. (16th May 1963).
93762. Klockner-Humboldt-Deutz Aktiengesellschaft. Flotation cell with agitator. (29th April 1964).
93763. Ahmedabad Textile Industry's Research Association. Process for the production of polyseccharide ethers. [Divisional date 28th November 1962].
14th May 1964
93764. Council of Scientific and Industrial Research. Portland cement without gypsum.
93765. Sandoz Ltd. Improvements in or relating to organic compounds. (15th May 1963).
93766. Council for Scientific and Industrial Research. Improvements in or relating to mobile materials-handling appliances.
93767. Associated Electrical Industries Limited. Improvements in or relating to rotor discs. (15th May 1963).
93768. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Quinazolone compounds and process for preparing them.
93769. Kosmek Private Limited. Improvements in or relating to feeder.
93770. P. R. Hansen. Hydraulic sheet bending machine.
15th May 1964
93771. V. K. Sankhala. Improvements in or relating to an automatic device for cutting ampules and the like and method of cutting the same.

93772. W. Nath. Improved method of production of chemical spermicidal composition. [Divisional date 17th June 1963].
93773. C. Kapoor. Improvements in or relating to stencil plates.
93774. Dr. S. R. Palamand. A filter for removing the nicotine and tar from the cigarette smoke.
93775. J. J. Paul. A reciprocating internal combustion engines.
93776. Pilkington Brothers Limited. Improvements in or relating to the manufacture of flat glass in ribbon form. (16th May 1963).
93777. The British Petroleum Company Limited. Hydrocarbon distillate fuels of improved oxidation stability. (28th May 1963).
93778. G. R. Lindberg. Screw pump. (4th October 1963).
93779. The International Nickel Company (Mond.) Limited. Electro-deposition of nickel.
93780. W. A. Sheaffer Pen Company. Writing implement.
93781. Ministerul Industriei Alimentare. Process and installation for drying lectose with infrared rays.
93782. Shell Internationale Research Maatschappij N. V. Protective coatings. (17th May 1963).
93783. Sperry Rand Corporation. Thin film device.
93784. The Bendix Corporation. Improvements in or relating to an automatic adjuster for a drum brake. (15th May 1963).
93785. The Bendix Corporation. Improvements in or relating to an automatic adjuster for a drum brake. (15th May 1963).

Alteration of date

85251. The claim to priority date 6th December 1961 has been disallowed and the application dated as of 22nd November 1962, the date of filing in India.
93184. Ante-dated to 20th August 1962 under Section 5 of the Act.
93185. Ante-dated to 20th August 1962 under Section 5 of the Act.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patent Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

83677. National Steel Corporation. Method of preparing a composite article comprising a base material coated with an alloy of aluminium and manganese, and composite article so produced. Accepted on 13th May 1964.

Applying a coating of an alloy of aluminium and manganese on the surface of a base material.

83713. Trutzschler & Co. A lap winding engine. Accepted on 15th May 1964.

Comprises a magazine for lap rods arranged to cause one of the lap rods to drop into a position therefrom it can enter the tubular core during build-up of following lap.

83747. G. S. Juvekar. Mercury switch (pressure). Accepted on 15th May 1964.

The mercury moves along the tubing to form a column in between the two electrodes due to pressure acting on it so as to make the contacts with the electrodes.

83794. Maywick Appliances Limited. Liquid fuel heaters. (21st August 1961). Accepted on 13th May 1964.

Includes means by which the liquid fuel is fed to burner nozzle under the pressure of a pressurised combustible gas.

83861. The Lummus Company. Urea purification with recovery of ammonia and carbon dioxide. Accepted on 11th May 1964.

Comprising passing urea rich liquid fraction into a treating zone maintained at vacuum, rapidly reducing the temperature and thereafter stripping the liquid fraction of all residual impurities.

84333. Owners-Corning Fiberglas Corporation. A method for forming a glass film and a melter feeder therefor. Accepted on 13th May 1964.

Means for passing electric current through premelt chamber wall of temperature resistant metal to heat the same to melting temperature, a homogenization chamber below premelt chamber and connected in fluid conducting relationship thereto.

84595. Yawata Iron & Steel Company Limited. Method of and apparatus for charging a sintering machine with a raw material. Accepted on 11th May 1964.

Comprising a back plate, an inclined front plate, inclined in a direction opposite to the direction of movement of the pallet, a cut-off plate on the bottom of the front plate transverse to direction of movement of the pallet and guide plates stepped and parallel to the cut off plate.

84747. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Copolymers and process for their manufacture. Accepted on 13th May 1964.

Comprises polymerizing trioxane with a primary polymer in the presence of a Lewis acid as a catalyst.

85048. United Aircraft Corporation. Fuel cell system. Accepted on 11th May 1964.

An excess of fuel is supplied to the cell for removing the exhaust product of the cell and that the circulation of the fuel within the system is a function of the actual cell output.

85049. United Aircraft Corporation. Improvements in or relating to fuel cell systems. Accepted on 11th May 1964.

Circulation of the fuel within the system is a function of the actual temperature of cell and serves to control and adjust that temperature.

85059. Imperial Chemical Industries Limited. Polyoxymethylene compositions. Accepted on 12th May 1964.

Comprising a solid oxymethylene polymer and at least 0.05% of an aromatic quinonoid compound.

85085. Poron Insulation Limited. Improvements in apparatus for the manufacture of thin sheets of material, such as expanded polystyrene. Accepted on 12th May 1964.

Including a frame with a spindle mounted therein, a roll of material being mounted on the spindle, a drive roller on the frame and frictionally engaged to the roll, displaceable bearing to support the spindle, an endless knife on the frame transverse of the roll, means to adjust the position of the spindle relative to drive roller.

85086. W. J. V. Rhijn. Two-component diazotype material. Accepted on 11th May 1964.

Two component diazotype material consisting of a support carrying a light sensitive layer in which represent a light-sensitive benzene diazonium compound having a tertiary amino group in para-position with respect to the diazonium group an azo coupling component and its water soluble salts, a water-soluble stable zinc salt and an essentially colourless non-coupling benzimidazole.

85093. AMP Incorporated. Electric pulse generating circuits. Accepted on 13th May 1964.

Comprising a first semi-conducted switch and a second semi-conductor switch, the switch being arranged to render conductive alternately.

85182. Showa Electric Wire and Cable Co., Ltd. Method of jointing sheaths of aluminium-sheathed cables. Accepted on 12th May 1964.

Wrapping the end portion of aluminium sheath cables with a metal tape with a cold-setting synthetic resin adhesive material, fitting a sleeve of a junction box over the adhesive layer and allowing the layer to handle.

85190. M. H. Kajiji. Improvements in or relating to key rings. Accepted on 12th May 1964.

Providing a key ring in which the body part being adapted to display and magnify advertising material.

85193. Shell Internationale Research Maatschappij N. V. Process for preparing novel surface-active compounds, compositions containing the same and articles treated thereby. Accepted on 12th May 1964.

Characterized by sulphating a condensation product obtained by reacting an olefin with a compound having the formula $HS-R_1-OH$, where R_1 is a bivalent group comprising a straight or branched chain of carbon atoms.

85220. Westland Aircraft Limited. Retractable skirting components for ground effect vehicles. (21st November 1961). Accepted on 11th May 1964.

Having flexible walls extending from the root anchorage points towards the extremity thereof, root end of said walls in use forming a fixed anchorage.

85251. Scroll Film Industries, Inc. Film strip projector and cassette. Accepted on 11th May 1964.

Comprising a housing having an internal core, a re-entrant film guide, a drive opening and a framing aperture along said guide.

85319. Anstalt für die Entwicklung von Erfindungen und gewerblichen Anwendungen Energa. Sighting device for a rifle grenade. Accepted on 15th May 1964.

Grenade with a tail empennage comprising a support carrying a sight movable in relation to the said support between a storage position and an aiming position, said support also having means for holding a firing cartridge.

85320. Sperry Rand Corporation. Device for controlling fluid flow in response to an electric potential. Accepted on 12th May 1964.

Electro-mechanical transducer comprising at least one electro-mechanical element and having electrodes or coils.

85337. A. O. Smith Corporation. Strip winding apparatus with guide. Accepted on 15th May 1964.

Providing a guide assembly between the reel and the tubular mandrel for imparting a twist to the tape or web.

85374. Imperial Chemical Industries Limited. Process for the manufacture of new triazine compounds and their use in the whitening of polymeric material. (4th December 1961). Accepted on 13th May 1964.

Interacting a dichlorotriazine compound with amine, alcohol, phenol or mercaptan.

85376. A. H. Hunt (Capacitors) Limited. Improvements in or relating to electrical capacitors. (5th December 1961). Accepted on 12th May 1964.

Comprising an unit having a central axial bore, an outer casing surrounding the unit and a resiliently located spacer at each end and a spigot projecting into the bore of the unit.

85445. Ciba Limited. New quaternary nitrogen derivatives, process for their preparation and process for dyeing and printing fibrous materials with the same. Accepted on 12th May 1964.

A non aromatic tertiary nitrogen compound is reacted with a compound of the formula $R-halogen$ in which R represents the residue of a nitrogen containing heterocyclic compound linked through one of its carbon ring members to the halogen atom.

85455. Imperial Chemical Industries Limited. Oxymethylene polymers. (8th December 1961). Accepted on 12th May 1964.

Comprising the product of polymerising a cyclic oligomer of formaldehyde with a poly-formal.

85472. P. G. Rohland. Improvements in rope clamps for hemp ropes and other ropes of non-metallic material. Accepted on 15th May 1964.

The clamp being a tube for permanent compression to the joint under high pressure, being characterised by an intermediate layer of soft tenacious material between the clamp and the joint.

85532. Halcon International, Inc., formerly known as Scientific Design Company, Inc. Process for the liquid phase partial oxidation of hydrocarbons. Accepted on 15th May 1964.

Vaporising a portion of hydrocarbons and introducing the vapors into the oxidation zone.

85559. J. M. Huber Corporation. Hydrogen aluminosilicate and method of producing the same. Accepted on 13th May 1964.

Treating finely divided, amorphous sodium aluminosilicates of sub-micron particles size with a strong mineral acid.

85574. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to circuit arrangements for cyclically scanning a plurality of elements. Accepted on 15th May 1964.

Characterised in that two or more of the numbers have a common divisor differing from 1, the ring counter comprises a regularly repeating irregularity.

85581. Dunlop Rubber Company Limited. A brake, clutch or the like having an improved friction device. (13th December 1961). Accepted on 15th May 1964.

Provided with a plurality of circumferentially equispaced friction devices secured to at least one radially extending surface thereof, said devices comprising a container in which is located a friction producing material.

85612. V. M. J. Ancet and M. Fayolle. A weft stop motion device for a shuttleless loom. Accepted on 12th May 1964.

Includes weft supply rods, electrical switching device operable on increase of weft tension due to pick insertion, weft supply failure to weft inserting needle serving to stop the loom.

85647. N. V. Philips' Gloeilampenfabrieken. Improvements in and relating to method of and device for manufacturing bulbs for incandescent lamps. Accepted on 11th May 1964.

The method includes the steps of bringing the deformable bottom of the tubular glass into contact with a supporting member, the supporting surface of which has a larger radius of curvature than the outer part of said bottom at the instant of first contact.

85649. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing implosion-free cathode-ray tubes. Accepted on 15th May 1964.
- In a cathode ray tube a part of the cone and of the wall adjacent the picture surface being coated with a layer of synthetic material characterised in that the said layer of material of sufficient thickness having the structure of a hard layer of foam and of a density of hard wood.*
85688. J. S. & F. Folkard Limited. Improvements relating to the jointing of synthetic resin pipes and/or pipe fittings. Accepted on 15th May 1964.
- Wherein a flanged spigot end on one said member is filled into a socket sleeve and is held therein.*
85773. C. I. S. Rao. Recovery of rubber from wash and waste water from factory engaged in manufacture of smoke sheets and sole crepe. Accepted on 15th May 1964.
- Treating the washing obtained from the factories engaged in the manufacture of smoke sheets and sole crepes, with inorganic coagulants and then with ionic resins in presence of water and finally exposed to smoke in a closed smoke chamber for 7 or 8 days.*
85779. Hercules Powder Company. A light stabilized polyolefin composition. Accepted on 15th May 1964.
- Comprising polyethylene or a stereoregular polymer of an α -olefin and 0.10 to 5% by weight of the polyolefin of a nickel phenolate of a bis-(*p*-alkylphenol)-sulfoxide or a bis-(*p*-alkylphenol) sulfone.*
85811. Ciba Limited. Pest-controlling agents containing thiazoline compounds. Accepted on 15th May 1964.
- Comprises a thiazoline derivative, a wetting agent, an emulsifier, an adhesive, a fertiliser and a further pest combatting agent, or a diluent or solvent.*
85814. Shell Internationale Research Maatschappij N. V. Method of reducing the oxide and salt content of steam generated in a high-pressure steam unit. (29th December 1961). Accepted on 11th May 1964.
- Steam from the steam container being split into two partial streams, the first of which being condensed in a closed heat exchanger by means of feed water as coolant and the resultant water being brought together with the second partial stream and jointly led to the line to the centrifuging water separator.*
85815. Shell Internationale Research Maatschappij N. V. Process for the purification of hydrocarbon oils contaminated with surface-active materials. Accepted on 11th May 1964.
- Steam is injected into the hydrocarbon oil to form a fine dispersion of water in said oil and then passing it into a settling zone.*
85849. The Goodyear Tire & Rubber Company. Improvements in compositions of polyamides and sulfides of dialkylated phenols. Accepted on 13th May 1964.
- Comprising a polyamide and a heat-stabilizing amount of a compound of the formula $(RR' C_6H_2OH)_2S$ in which R and R' are alkyl groups (1—5 C).*
85852. Allied Chemical Corporation. Improvements in adhesives for sand binding. (23rd July 1962). Accepted on 15th May 1964.
- A liquid adhesive mixture comprises (a) 1—5 parts of a liquid urea formaldehyde concentrate having 80—90% total solids and 1 mol ratio of 4.0—6.5 mols of formaldehyde for every mol of urea; (b) sufficient urea to adjust the mol ratio to 1.5 to 2.0 mols of formaldehyde for every mol of urea; and (c) 1—5 parts of a potentially thermosetting phenol aldehyde resin.*
85863. Sperry Rand Corporation. Pulse generating system for use in the magnetic recording of information. Accepted on 12th May 1964.
- Characterized by a logic network effective to generate an additional pulse between two information pulses.*
86010. Ciba Limited. Anthraquinone dyestuffs, process for their manufacture and dyeing or printing fibrous material therewith. Accepted on 12th May 1964.
- A substituted anthraquinone is reacted with a hydroxydiphenyl.*
86030. Sandoz Ltd. Basic dyes and their production [Addition to No. 81842]. Accepted on 15th May 1964.
- Diazo compounds of a substituted nitroaniline is coupled with a compound prepared by reacting N-alkyl-N- β -haloethyl-aminobenzene with N-aminopyrrolidone.*
86031. Sandoz Ltd. Basic dyes and their production. [Addition to No. 81842]. Accepted on 15th May 1964.
- Diazonium compound of a substituted nitroaniline is coupled with a substituted N-aminopiperidine.*
86204. Gebruder Seidel K. G. Sealing cap. Accepted on 11th May 1964.
- Cap having a main portion and a removable portion, the removable portion being provided with a weakened line girdling said cap, a tongue formed of said sealing cap attached at said weakened line, an aperture formed in said cap at said tongue and adjacent said weakened line and a foil cover adhered to said tongue at said aperture.*
86278. Dunlop Rubber Company Limited. Improvements in or relating to the manufacture of articles from curable material. (8th February 1962). Accepted on 11th May 1964.
- Containers for liquid curable material and cross-linking agent respectively, a mixing apparatus, a pump for supplying curable material from container to mixing apparatus and a pump for the cross-linking agent and a flow pipe with a throttling valve in it being connected from the pump to the container having cross-linking agent.*
86355. Gulf Research & Development Company. Anhydride of polyaryl ketones. Accepted on 15th May 1964.
- Prepared by the oxidation of compounds like di-orthoxyl ethane.*
86376. Sperry Rand Corporation. Fluid position sensor. Accepted on 12th May 1964.
- Includes first means a surface of which contains a group of first ports and second means containing a group of second ports, wherein for any partial alignment position there is also a partial alignment of at least one other second port with its respective first port.*
86387. Corning Glass Works. Improvements in or relating to glass articles of variable optical density. Accepted on 15th May 1964.
- Comprising a glass pane having radiation sensitive crystals dispersed therein and means for changing the temperature of said glass pane to a temperature different from its equilibrium temperature.*
86445. Lonza Ltd. Process for the production of solutions of polymerisate from acrylonitrile, suitable for spinning fibres. Accepted on 15th May 1964.
- Wherein acrylonitrile, alone or together with copolymerisable compounds, is polymerised, in aqueous nitric acid.*
86449. Trimfoot Company. Improvements in and relating to infants' boots. Accepted on 15th May 1964.
- Having a sole and a lasted, form-sustaining upper characterised in that the forward region of the upper is in the form of an enlarged foldable instep portion.*

86473. Escher Wyss Aktiengesellschaft. Hydrostatic radial mounting of a shaft or journal. Accepted on 15th May 1964.

At least three pressure pads being provided in the liner only on the underside of the shaft or journal and at least two thereof being offset relative to each other in the axial direction.

86482. United Aircraft Corporation. Improvements in or relating to fuel cells. Accepted on 15th May 1964.

Consists of two spaced electrodes having each a framing element connected to the electrode by a diaphragm and that at least one of the diaphragms of a fuel cell is flexible to allow a movement of the associated electrode relative to the other electrode upon expansion of the electrolyte.

86486. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to recording and/or reproducing devices for magnetically recording and scanning video-signals. Accepted on 15th May 1964.

The stationary drum having a magnetic head consists of two parts separated by a gap and a gas under pressure, obtained by rotation of disc is provided between drum and tape.

86525. Associated Electrical Industries Limited. Improvements relating to cooling arrangements for dynamo-electric machines. (23rd February 1962). Accepted on 11th May 1964.

A plurality of tubes each including a longitudinal portion extend longitudinally along the outer surface of the frame and two radial portions extend respectively from the ends of said longitudinal portion and project through said frame so as to connect with the inside of said frame.

86526. Pechiney-Compagnie de Produits Chimiques et Electrometallurgiques. Installation for scrubbing the fumes in an alumina electrolysis works. Accepted on 12th May 1964.

Constituted by combination of two circuits, (i) "earth" circuit for collecting the gases from the skirts of the basins, (ii) "roof" circuit which collects the atmosphere of the works.

86561. St. Egydyer Eisen-Und Stahl-Industrie-Gesellschaft. Improvements in or relating to processes of manufacturing files having crossed notches. Accepted on 11th May 1964.

File body formed in a manner known per se by rolling with notches in the shape of manually cut notches after dressing is subjected to an upcut made in a manner known per se with a file cutting machine.

86590. Bruce Feebles & Co., Limited. Improvements relating to transformers or reactors. Accepted on 12th May 1964.

The or each winding is enclosed in one or more containers but, in which the core is not within the enclosure.

86655. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to adhesive joints. Accepted on 15th May 1964.

Comprising semi conductor bodies connected in series by current bridges, each current bridge being connected to a metal body by an adhesive joint comprising an adhesive layer which is provided with one or more spacers.

86759. Electrothermal Engineering Limited. A method of making a flexible electric heating device. (5th March 1962). Accepted on 12th May 1964.

Therein a band of insulating material is made and as it is made an electric heating element is being simultaneously incorporated in it, the band consisting of loops interlocking with one another but not interlocking with the heating element.

86761. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to methods of manufacturing a thermo-electric device such as a peltier device. Accepted on 15th May 1964.

Characterised in that a cover plate fastened to the current bridge serves as a soldering stamp.

86805. AMP Incorporated. Electrical connector assembly. Accepted on 12th May 1964.

Comprises a series of mating pairs of electrical connectors each pair consisting of a first electrical connector defining a channel and a second electrical connector adapted for insertion in the channel in the axial direction thereof for detachably connecting flexible electrical leads to electrical conductors on an insulating panel.

87013. Brooke Bond India Private Limited. Improvements in and relating to hand shears and like cutting implements in combination with a collecting box. Accepted on 15th May 1964.

Comprising a pair of pivotally connected blades, one of which carries the base and the walls forming the sides, and other carries the remaining walls.

87089. British Nylon Spinners Limited. Improvements in or relating to polymerisation apparatus. (5th April 1962). Accepted on 15th May 1964.

Comprising a long narrow tube, a vessel and jacketing means filled with fluid at polymerisation temperature substantially surrounding both the tube and the vessel.

87139. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to arrangements for automatic switching system. Accepted on 15th May 1964.

Each switching stage comprises a plurality of cross point switches, a marking voltage and relay winding.

87147. The Metafiltration Company Limited. Improvements in or relating to filters for liquids. Accepted on 11th May 1964.

Annulus having a substantially flat side, and the opposite side being formed with shallow projections to define radial passageways for liquids and having cylindrical edge formed on one side.

87212. Sperry Rand Corporation. System of reading-in or storing information in a magnetic element. Accepted on 14th May 1964.

Characterized in that each information read in or storing signal supplied to winding comprises a first electric pulse, followed by a second electrical pulse.

87256. Imperial Chemical Industries Limited. Improved ropes, cordage and twine. (3rd December 1962). Accepted on 15th May 1964.

Comprises spinning the rope yarn from a mixture of synthetic fibres and long vegetable fibres.

87270. Dunlop Rubber Company Limited. Improvements in or relating to the manufacture of hollow plastic articles. (10th April 1962). Accepted on 12th May 1964.

Heating the platen to soften each sheet and enable it to be formed, applying forming tools one to each of the sheets supported on the platen, creating a pressure differential on opposite sides of each sheet, withdrawing the heats platen from between the forming tools, bringing opposed faces of the forming tools into contact.

87343. Shell Internationale Research Maatschappij N. V. Process for the hydrogenative cracking of hydrocarbon oils and process for the preparation of catalysts suitable for carrying out the former process. Accepted on 12th May 1964.

Characterized in that oil is contacted in the presence of hydrogen at elevated temperature and pressure with a catalyst.

87406. The British Petroleum Company Limited. Method of preparing a suspension of particles of a water soluble solid in oleaginous medium and lubricating grease containing such a suspension. (24th April 1962). Accepted on 13th May 1964.

An aqueous solution of the solid is emulsified with an oleaginous liquid and the emulsion is thereafter dehydrated.

87412. The Metal Box Company Limited. Improvements in or relating to containers. (20th June 1962). Accepted on 15th May 1964.

Comprising a hollow top and bottom frustrums, the larger ends of the frustrums being divided towards each other and connected by a joint so profiled that on movement of the closed end of the bottom frustrum towards the top frustrum, the sides of the bottom frustrum are overturned to cause the inner faces of the sides to lie against the inner faces of the sides of the top frustrum.

87430. D. R. Malhotra. Improved bearing alloy. Accepted on 12th May 1964.

Comprising 15 to 60% of aluminium to 5.5% of copper, 0.07 to 1.0% of tin, 0.09 to 1.5% of iron and the remainder zinc, which subjected after casting to heat treatment.

87507. Jervis B. Webb Company. Floor truck driveline construction. Accepted on 15th May 1964.

Means for disabling the drive pin releasing means whereby a floor truck diverted onto a spur line may be pushed out of the main line path of floor truck travel by a following non-diverted floor truck.

87517. Bell's Asbestos and Engineering Limited. Improvements in or relating to fluid plug cocks. (20th April 1962). Accepted on 15th May 1964.

Housing having an inlet port, an outlet port and a plug chamber within which is a cylindrical or frusto-conical plug, the recesses being established within the plug chamber.

87521. Harbison-Walker Refractories Company. Refractories and methods of manufacture therefor. Accepted on 15th May 1964.

Made from a mixture consisting of size graded, substantially non-plastic, refractory aggregate selected from the group consisting of basic and non-basic refractory materials and mixtures thereof and from about 1 to 15% by weight of a water insoluble, finely divided high purity Cr_2O_3 and sufficient tempering agent as to allow forming.

87940. Her Majesty the Queen in Right of Canada as Represented by the Minister of Mines and Technical Surveys. Process and apparatus for specific gravity separation of mixtures of solid particles. Accepted on 13th May 1964.

Feeding the suspension in a hydrocyclone, providing a hindered settling bed in said hydrocyclone to separate the coarse particles.

88049. Industrie-Compagnie Kleinewefers Konstruktions-Und Handelsgesellschaft mbH. Recuperator having Z- or U-shaped conduits for heating gases and centrally arranged recuperator tubes or the like carrying air to be heated. Accepted on 15th May 1964.

One or several by-pass conduits being arranged parallel or substantially parallel to the central heating gas conduit one end of each communicating with that half of the cross-sectional area of the central section adjacent the lead-in conduit and the other end with the central heating gas conduit.

88446. M. Futakuchi and K. Wada. Method of and apparatus for manufacturing iron by low temperature reduction with use of methane gas. Accepted on 12th May 1964.

Comprising mixing cast iron chips with iron ore in an amount of 3 to 5% by weight and feeding the mixture into a reduction furnace heated to a temperature of 500 to 700°C while supplying methane gas so that the iron ore is reduced.

88730. T. J. Smith & Nephew Limited. Improvements in and relating to plaster of paris bandages and to methods for making such bandages. (9th July 1962). Accepted on 12th May 1964.

Comprising passing an open-mesh fabric beneath a feeding box of plaster of paris slurry, spreading a coating of the slurry on to the fabric, then passing the coated fabric to a fixed horizontal bar and around such bar in forced contact for a desired angle.

88934. Hermorion Limited. A method of improving the heat sealing qualities of thermoplastic film orientated by stretching. Accepted on 11th May 1964.

The film before the orienting stretching is laminated with a heat sealable film material.

88988. Klockner-Humboldt-Deutz Aktiengesellschaft. A jiggling apparatus for the preparation of minerals. (22nd May 1963). Accepted on 15th May 1964.

Comprising a plurality of jiggling compartments and a discharge shaft arranged between the two jiggling compartments is characterised in that the boundary walls of the discharge shaft at the upper end thereof are inclined in the opposite direction to that in which the material advances.

89097. A. J. Harris. Method and apparatus for casting moulded materials. (26th July 1962). Accepted on 15th May 1964.

Comprises placing concrete before it is set on a mandrel of the desired shape and pre-stressing the body and compacting the concrete during hardening by winding peripheral reinforcement under tension around the concrete body before the concrete has set.

90091. Societa' Farmaceutici Italia. Process for preparing 2, 3-dihydroxy-pyrazine. Accepted on 13th May 1964.

Condensing aliphatic diester of oxalic acid with aminoacetaldehyde dialkyl-acetal and reacting the product with ammonia and cyclizing N-(β -dialkoxyethyl)-oxamide formed by heating in lower aliphatic carboxylic acid.

93184. Maywick Appliances Limited. Improvements in or relating to a liquid fuel heater. (15th May 1962). [Divisional date 20th August 1962]. Accepted on 13th May 1964.

Includes means for stabilising and for directing the flame from the burner to a determined direction.

93185. Maywick Appliances Limited. Improvements in or relating to a liquid fuel heater. (5th December 1961). [Divisional date 20th August 1962]. Accepted on 13th May 1964.

In which after pre-heating combustible gas the liquid fuel is supplied to a burner through a closed circuit.

Opposition Proceedings

The opposition entered by Hindusthan Bobbin Industries to the grant of a patent on application No. 80709 made by Harilal Narottam Contractor, as notified in Part III, Section 2, of the Gazette of India, dated the 14th December 1963, has been treated as abandoned.

Correction of Clerical Errors

Under Section 62 of the Indian Patents and Designs Act, 1911, certain clerical errors occurring in the drawings of patent application No. 84189 was corrected on 1964

Patents Sealed

77891.	79242.	79892.	79909.	79989.	80185.	80323.
80795.	80869.	81033.	81046.	81097.	81135.	81229.
81263.	81272.	81286.	81312.	81405.	81406.	81441.
81446.	81468.	81516.	81540.	81541.	81543.	81579.
81627.	81669.	81693.	81729.	81766.	81828.	81831.
81946.	81985.	81987.	82050.	82072.	82080.	82135.
82175.	82192.	82203.	82256.	82269.	82271.	82278.
82291.	82293.	82340.	82416.	82448.	82449.	82542.
82616.	82670.	82737.	82764.	82769.	82798.	82871.
83025.	83065.	83088.	83131.	83290.	83765.	83824.
83916.	83934.	84017.	84018.	84024.	84044.	84080.
84200.	84291.	84292.	84390.	84452.	84523.	84563.
84778.	85214.	85275.	85335.	85385.	87199.	87200.
88030.	88389.	88593.				

Amendment Proceedings

(1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Cosden Oil & Chemical Company, a corporation organized and existing under the laws of the State of Delaware, United States of America, located at Big Spring, United States of America, seek leave to amend the claim in the specification in respect of Patent application No. 80222. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(2)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Vianova Kunsthartz Aktiengesellschaft, of 14, Johannesgasse, Wien 1, Austria, a company organized under the laws of Austria, seek leave to amend the description and claims in the specification in respect of Patent application No. 81612. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(3)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Bristol Siddeley Engines Limited, a British Company of Stonebridge House, Colston Avenue, Bristol 1, England, seek leave to amend the description and claims and figures of the drawings in the specification and drawings in respect of Patent application No. 84117. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(4)

The amendment proposed by American Viscose Corporation in respect of Patent Application No. 80820 as advertised in the Gazette of India, Part III, Section 2, dated the 8th February 1964, has been allowed.

(5)

The amendment proposed by American Viscose Corporation in respect of Patent Application No. 81559 as advertised in the Gazette of India Part III, Section 2, dated the 8th February 1964, has been allowed.

Registration of Assignments, Licences, etc. (Patent)

in the following cases. The number of each case is followed by the names of the parties claiming interests :—

41136 — Douglas Fraser & Sons, Limited.

43942 } Union Starch & Refining Co., Inc.
46169 }

51275—Johnson & Jorgensen (Trident) Limited.

65057 — Norman Rosedale and Cyril Alexander Rosedale.

70869 } Kaiser Jeep Corporation.
70870 }
71163 }

74148 — Etablissement Pasinvest.

77768 — The Eversman Mfg. Company.

79111 — Dufaylite Developments Limited.

79466 — American Breeders Service, Inc.

Renewal Fees Paid

43299.	43484.	43516.	43775.	45300.	45324.	45354.
45355.	45356.	45423.	45720.	46299.	47292.	47319.
47467.	47496.	47796.	47797.	48071.	49370.	49626.
49627.	49628.	49718.	49759.	49806.	49841.	49853.
49883.	49884.	49885.	50437.	51692.	51806.	51934.
51935.	51936.	51937.	51976.	52132.	52143.	52151.
52153.	52161.	52259.	52347.	52399.	52436.	52618.
52625.	52750.	52779.	53068.	54164.	64405.	54474.
54556.	54720.	54738.	54739.	54753.	54774.	54831.
54896.	54901.	54997.	55240.	55241.	55287.	55301.
55382.	55418.	56493.	56576.	57406.	57459.	57513.
57531.	57590.	57595.	57604.	57687.	57688.	57689.
57696.	57707.	57841.	57851.	57951.	57987.	57995.
58207.	58225.	58286.	58512.	60097.	60098.	60304.
60476.	60477.	60479.	60564.	60728.	60857.	60861.
60862.	60890.	60896.	60949.	61058.	61082.	61290.
61292.	61401.	61402.	61414.	61483.	61638.	62353.
63725.	63956.	64036.	64083.	64084.	64110.	64129.
64141.	64213.	64253.	64254.	64280.	64290.	64303.
64307.	64311.	64320.	64351.	64411.	64434.	64443.
64480.	64486.	64531.	64552.	64651.	64836.	64880.
65026.	65027.	65370.	65910.	67000.	67495.	67567.
67643.	67695.	67786.	67830.	67874.	67886.	67922.
67928.	67930.	67938.	67966.	67969.	67977.	68098.
68099.	68101.	68178.	68212.	68231.	68371.	68407.
68409.	68488.	68502.	68563.	68726.	68736.	68749.
68772.	69003.	70143.	70144.	70145.	71747.	71815.
71818.	71844.	71880.	71918.	71954.	71981.	71991.
71992.	72012.	72025.	72070.	72085.	72104.	72138.
72206.	72218.	72226.	72281.	72321.	72335.	72338.
72344.	72369.	72370.	72384.	72388.	72400.	72414.
72471.	72507.	72630.	72651.	72729.	72837.	73065.
73114.	73165.	75131.	75360.	76504.	76799.	76803.
76957.	77064.	77256.	77640.	77752.		

Cessation of Patents

40839.	42478.	42543.	42778.	44454.	44465.	45924.
46535.	46536.	46537.	46557.	46560.	46561.	48787.
48805.	51054.	51069.	51077.	61089.	51093.	51098.
52278.	53549.	53568.	53583.	53589.	54043.	54367.
54949.	56297.	56303.	59205.	59405.	59418.	62860.
62862.	66396.	66400.	66401.	66415.	66416.	66431.
66434.	70346.	70347.	70354.	70370.	70389.	70404.
70407.	70420.	70427.	70436.			

Restoration Proceedings

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911, for the restoration of the following patents :—

No. 66097 — Charanjit Rai Jain.

The patent ceased on the 11th December 1962, owing to non-payment of renewal fee within the prescribed time and the cessation of the patent was notified in Part III, Section 2, of the Gazette of India, dated the 29th June 1963. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the at " P

Registration of Designs

The followings designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 5. No. 120493. Harbans Lal Bedi (Indian Subject), Harish Soda Water Factory. Inside Laheri Gate, Amritsar (Punjab), "Label", December 16, 1964.

Class 5. No. 121325. Kunj Behari Lal, Barahdwari, Aligarh, U.P., Indian subject, "Label", February 27, 1964.

Class 5. No. 121326. Ram Sarup Lal. Chowk Bazar, P.O. Mokameh Jn., Dt. Patna, Bihar, Indian subject, "Label", February 27, 1964.

Class 5. No. 121327. Abdul Qayum Khan, Indian, 199, Tulsi Pure, Allahabad, U.P., "Label", February 27, 1964.

Class 5. No. 121328. Shet Durbar Agarbathi Factory, N. Madhava Rao, Circle, Mysore-4, Indian concern, "Carton", February 27, 1964.

Class 13. No. 121458. The Phoenix Mills Limited, an Indian Company, Tulsi Pipe Line Road, Lower Parel, Bombay-13, "Textile goods", March 7, 1964.

Class 13. Nos. 121765 to 121784. The Shree Niwas Cotton Mills Ltd., an Indian Firm, Delisle Road, Bombay 13, "Cotton piecegoods", April 3, 1964.

Class 13. Nos. 121939 and 121940. The Victoria Mills Limited, an Indian Company, Delisle Road, Parel, Bombay 13, "Cotton piecegoods", April, 17, 1964.

Class 13. Nos. 121987 to 121989. Calico Dyeing & Printing Mills (P) Ltd., Industrial Estate, 41E Parel Chawl Road, Lalbaug, Bombay 12, Nationality—Indian Business concern (Private limited company), "Textile goods including silks and art-silk piecegoods", April 22, 1964.

Copyright Extended for a Second period of five years

Design No. 99562, Class 1.

Design No. 102041, Class 1.

Copyright Extended for a Third Period of Five Years

Design No. 79080, Class 1.

Design No. 80001, Class 1.

Registration of Assignments, Licences, etc. (Design)

Assignments, licences or other transaction affecting the interest of the original proprietors have been registered in the following cases. The number of each case is followed by the names of the applicants for registration :—

98594 — Ganesh Prasad and Kapoor Chand Singhal.

A. JOGARAO

*Controller General of Patents,
Designs and Trade Marks.*

